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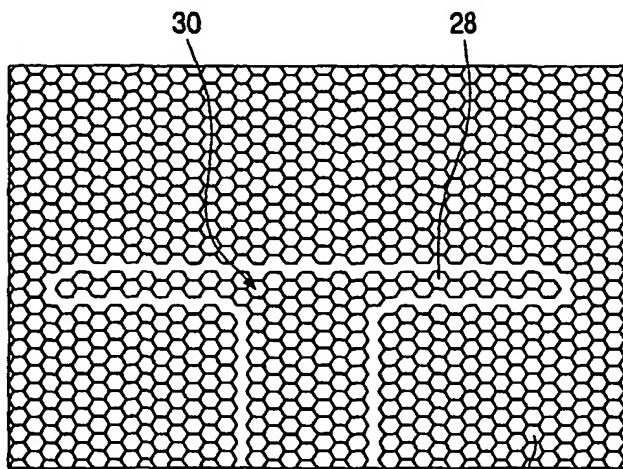
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(54) Title: A SEMICONDUCTOR DEVICE WITH SENSE STRUCTURE



(57) Abstract: A power semiconductor device is described with a plurality of cells divided into power cells (14) and sense cells (16). A plurality of groups (30, 32) of sense cells (16) are provided. The device allows for compensation of effects caused at the edges of the groups of sense cells (16).